

# Hyperic HQ For VMware Datasheet



All Systems Go.

## BENEFITS

- Install, set up and start managing your VMware infrastructure with one click
- Auto-discovery capability gives you a continuously accurate inventory of all the hardware, software, and services inside and outside your VMware infrastructure
- Organize the Operations Dashboard, metrics, charts and alerts to view your infrastructure the way you do
- Understand the real performance of your virtualized environment, from the both the host and the guest perspectives
- Compare performance data with configuration changes, log data and security events for fast problem ID and resolution
- Define intelligent alerts, acknowledgements and response actions to help anticipate problems before they cause outages
- Run cross-platform diagnostics and execute control operations across your entire infrastructure centrally
- Accurately model and display the relationships between your hardware, software and services
- Analyze real-time and historical metrics across hardware, network, virtual machine and application layers

## At A Glance

Hyperic HQ for VMware is a pioneering software solution that enables data centers to consolidate complete discovery, monitoring, analysis and control of all application, system and network assets, both inside and outside of the virtual machines powered by VMware.

### Other Systems Management Software



Hyperic HQ for VMware provides system administrators with a complete perspective of the performance and availability of their VMware virtualized environments. Equipped with the unique ability to analyze performance metrics from the physical hardware, VMware software, and all the operating systems, software and services of the guest virtual machines, Hyperic HQ provides the only complete performance picture of VMware environments in the market today. This layered view of the infrastructure deployment allows system administrators to readily diagnose performance issues that are easily missed when looking from the traditional hardware only perspective. Historical charting, event correlation capabilities, and configurable graphs allow system administrators to quickly review, drilldown and refine performance data analysis to achieve results.

With support for VMware Server and ESX, HQ's auto discovery will dynamically discover all virtual machines in any VMware host, and will continue to update the inventory to keep pace with rapidly redeployed and moved resources typical of a virtualized deployment. HQ also provides monitoring of the VMware host and the individual VM's resource consumption to help administrators understand the consumption of host machine resources by every individual virtual machine.

## Event Management From the Ground Up

HQ's event management features are used to provide visibility into the log events reported for every VM managed by HQ. Log events provide system awareness for performance data, configuration changes and security action changes. These events can be used to generate alerts, or simply correlate errors reported in the VMware logs with other performance and health indicators elsewhere in the environment.

HQ's control infrastructure allows you to pause, stop, start, and revert to snapshot directly from the HQ interface, consolidating primary management tasks into the monitoring intelligence portal.

# Hyperic HQ for VMware Datasheet

## How to Download

You can download Hyperic HQ on the web at:

[www.hyperic.com/downloads](http://www.hyperic.com/downloads)

## How to Buy

Whatever your systems management needs are, we have a subscription that's just right for you:

- **HQ Service Silver** – Includes Hyperic HQ 3.2 Enterprise Extensions, indemnification, and business hours support
- **HQ Service Gold** – Includes Hyperic HQ 3.2 Enterprise Extensions, indemnification, and 24x7 critical support

To order contact Hyperic sales at:  
**[sales@hq-service.com](mailto:sales@hq-service.com)**  
 or call us at:  
**+49 (0)89-944 02 75-0**



## HQ Service

A business unit of  
**SOPERA GmbH**  
 Hohenlindnerstr. 11b  
 85622 München/Feldkirchen  
 Germany

**+49 (0)89-944 02 75-0**  
[www.hq-service.com](http://www.hq-service.com)

## Managed Products

The Hyperic HQ for VMware manages a number of product versions and collects an extensive list of metrics at the disk, NIC, and virtual machine levels.

The Hyperic HQ for VMware includes additional Hyperic HQ management capabilities such as a variety of web servers, application servers, databases, operating systems, messaging servers, directory servers, and much more. Hyperic HQ relies on the native management capabilities of the managed products, and can easily be extended to cover more products through our Plugin Development Kit (PDK), usually with only a few lines of XML.

## Hyperic HQ 3.2 for VMware Features

Supported Products	Versions	Supported Metrics	
	VMware GSX 3.x VMware Server 1.x VMware ESX 2.x VMware ESX 3.x	<b>VMware ESX 2.x and 3.x VM Metrics</b>	Availability Process Virtual Memory Size Process Resident Memory Size Process Page Faults Process Page Faults per Minute Process CPU System Time Process CPU System Time per Minute Process CPU User Time Process CPU User Time per Minute Process Uptime Process CPU Total Time Process CPU Total Time per Minute Process CPU Usage VM CPU Wait VM CPU Wait per Minute VM CPU Used VM CPU Used per Minute VM CPU Sys VM Memory Shares VM Memory Minimum VM Memory Maximum VM Memory Size VM Memory Ctl VM Memory Swapped VM Memory Shared VM Memory Active VM Memory Overhead VM Uptime
<b>Supported Metrics</b>			
<b>General Server Metrics</b>	Availability Memory Available for VMs Memory Used by VMs CPU Used CPU Used per Minute CPU Idle CPU Idle per Minute Number of CPUs		
<b>VMware ESX 2.x and 3.x VM NIC Metrics</b>	Availability Packets Transmitted Packets Transmitted per Minute Packets Received Packets Received per Minute Bytes Transmitted Bytes Transmitted per Minute Bytes Received Bytes Received per Minute		
<b>VMware ESX 2.x and 3.x VM Disk Metrics</b>	Availability Reads Reads per Minute Writes Writes per Minute Bytes Read Bytes Read per Minute Bytes Written Bytes Written per Minute	<b>VMware GSX 3.x and Server 1.x VM Metrics</b>	Availability Process Virtual Memory Size Process Resident Memory Size Process Page Faults Process Page Faults per Minute Process CPU System Time Process CPU System Time per Minute Process CPU User Time Process CPU User Time per Minute